

FIG. 1

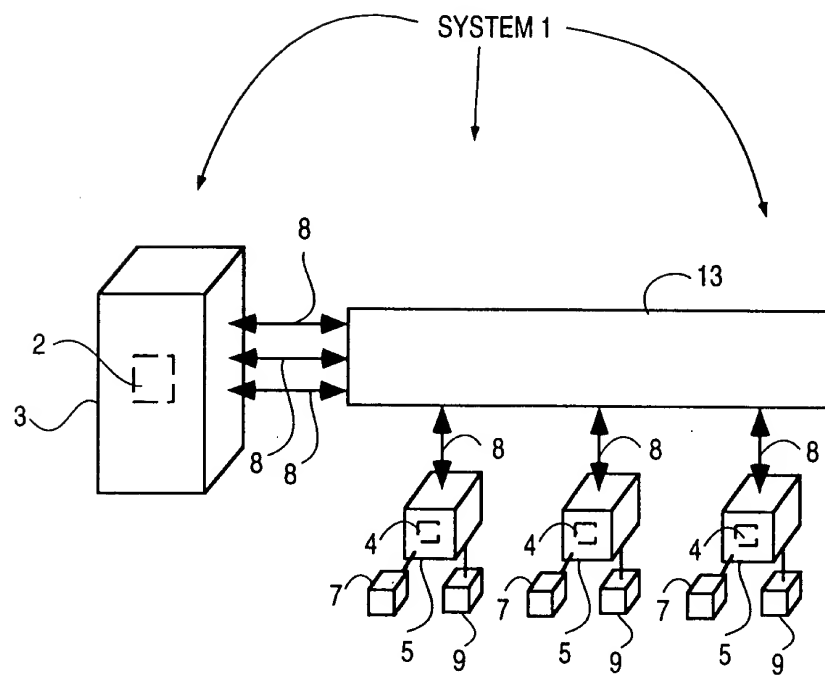
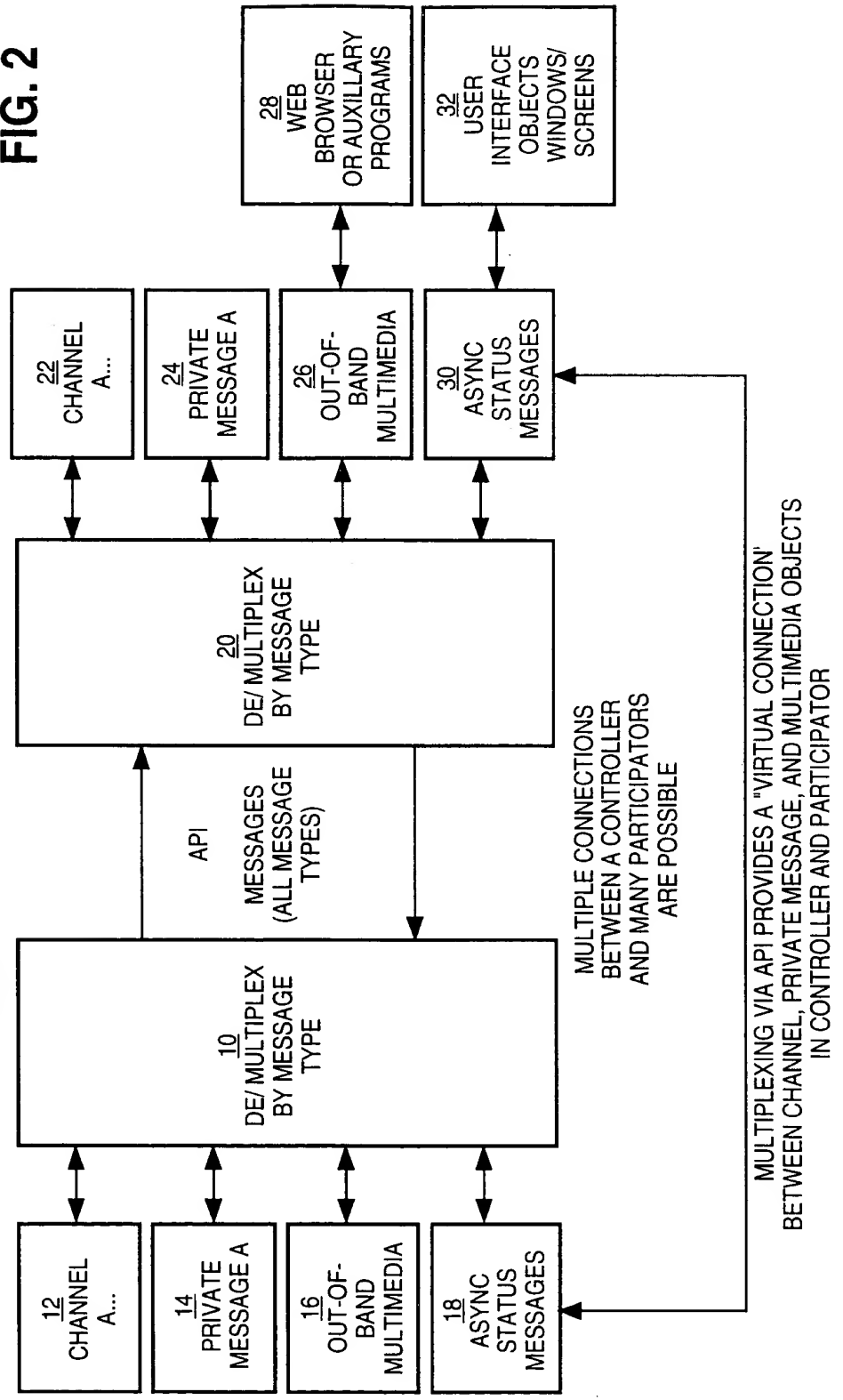


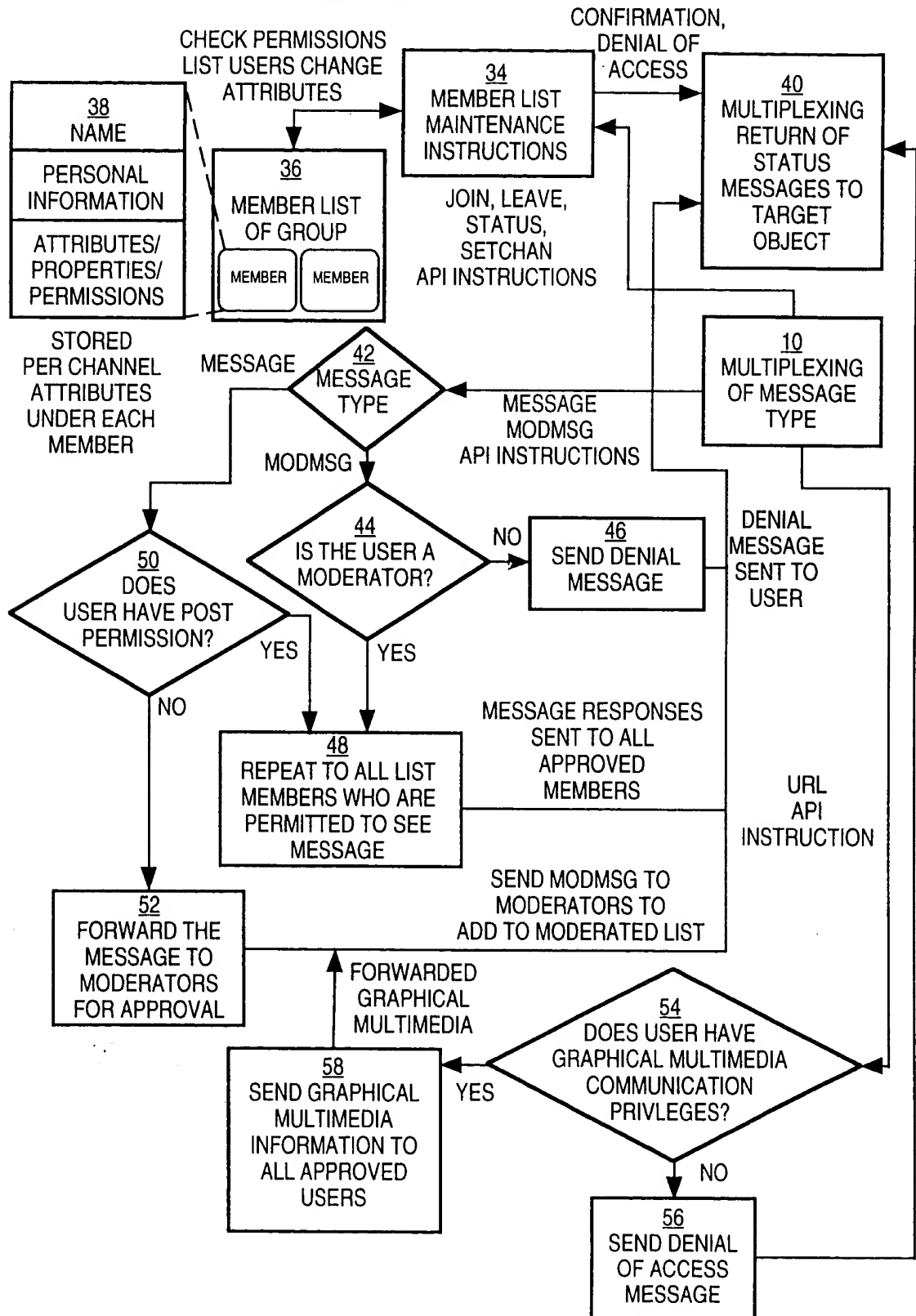
FIG. 2

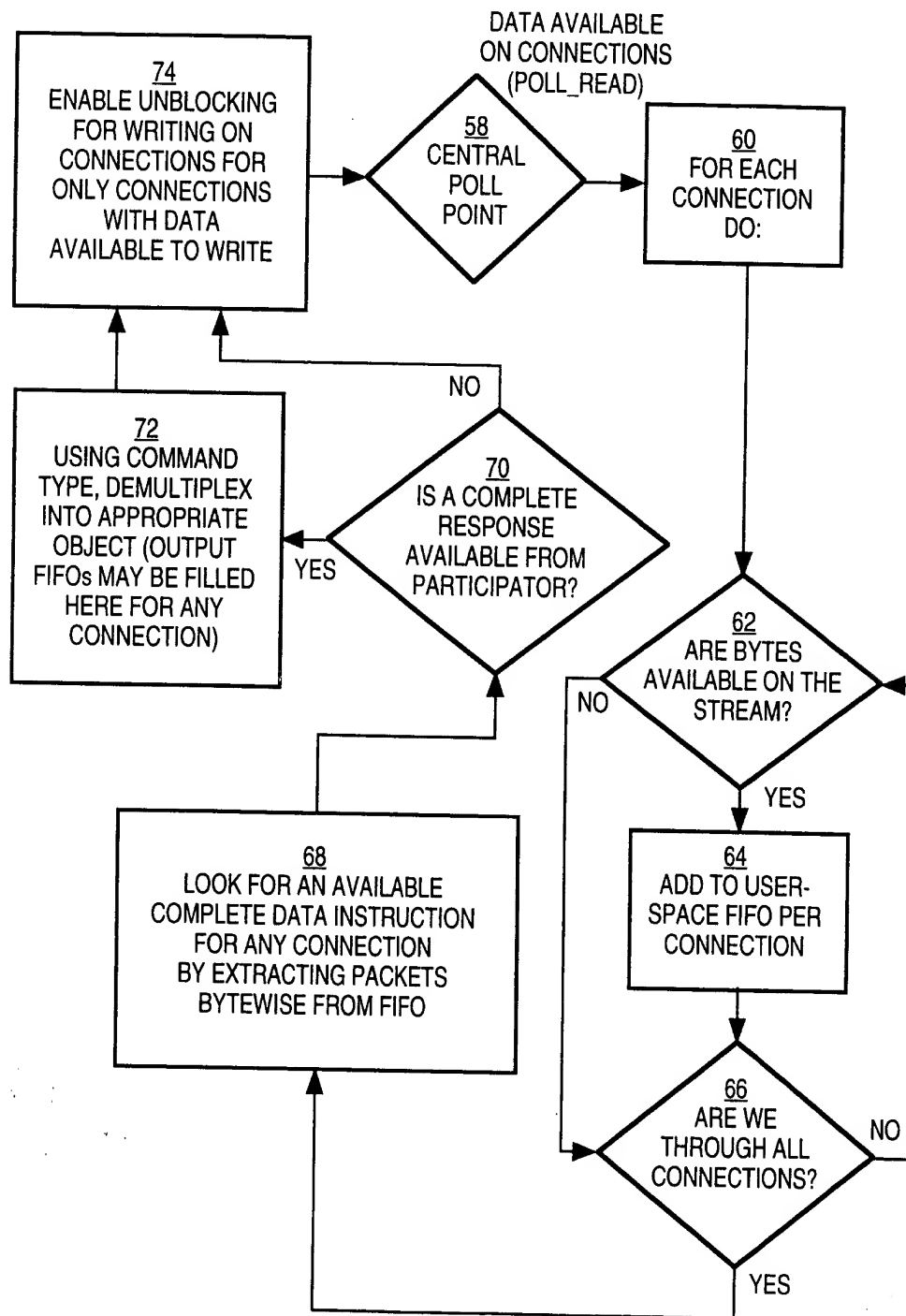
COMMUNICATIONS OVERVIEW



**FIG. 3**

# **DATA AND COMMUNICATIONS DEPENDENCY DIAGRAM CONTROLLER GROUP CHANNEL STRUCTURE**

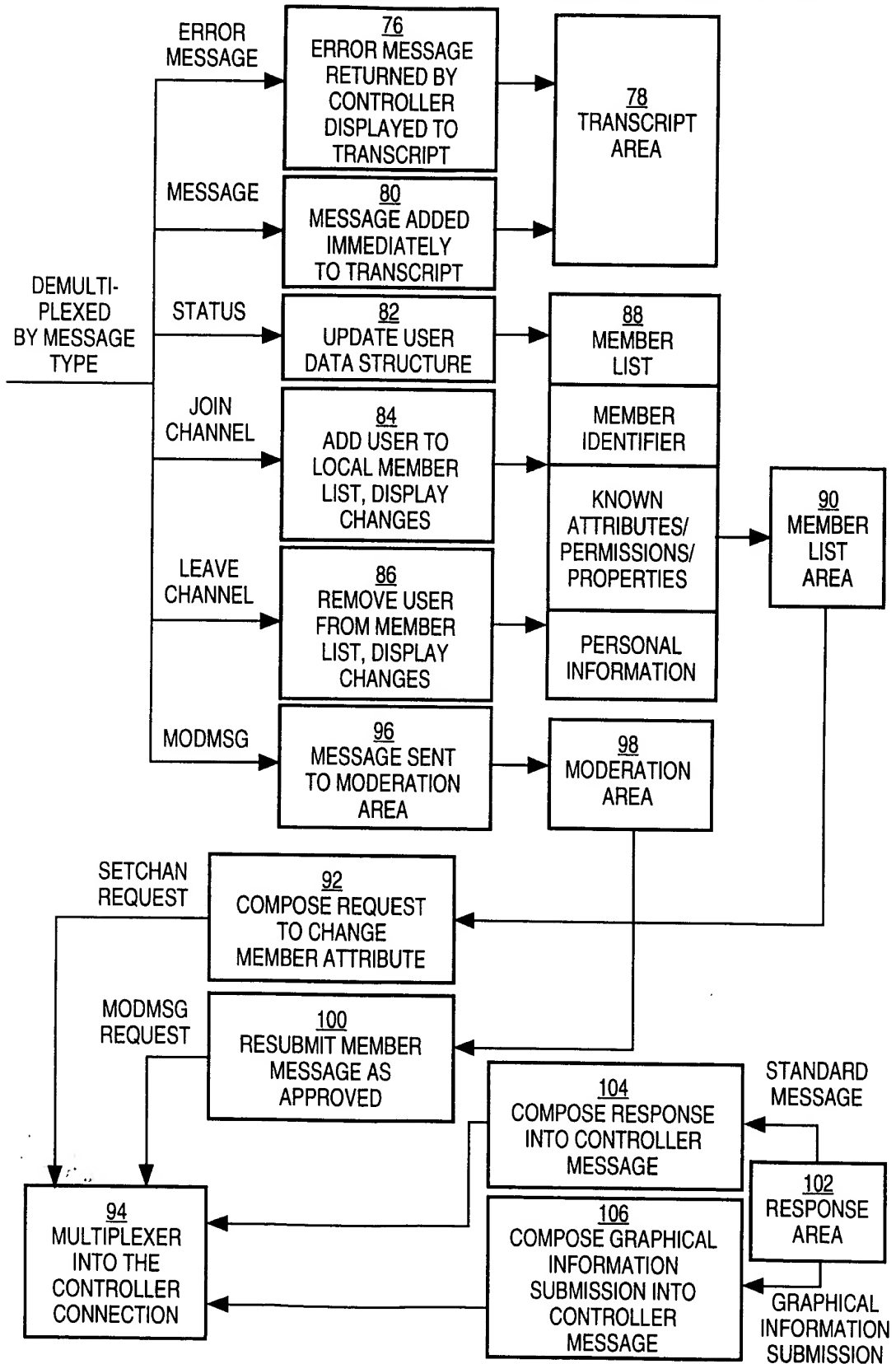


**FIG. 4****CENTRAL CONTROLLER LOOP COMMUNICATIONS**

**FIG. 5**

5/22

**CLIENT CHANNEL DATA STRUCTURE AND INFORMATION FLOW DIAGRAM**



6/22

**FIG. 6**

**PARTICIPATION SOFTWARE OUT-OF-BAND MULTIMEDIA  
OUT-OF-BAND MULTIMEDIA INFORMATION FLOW DIAGRAM**

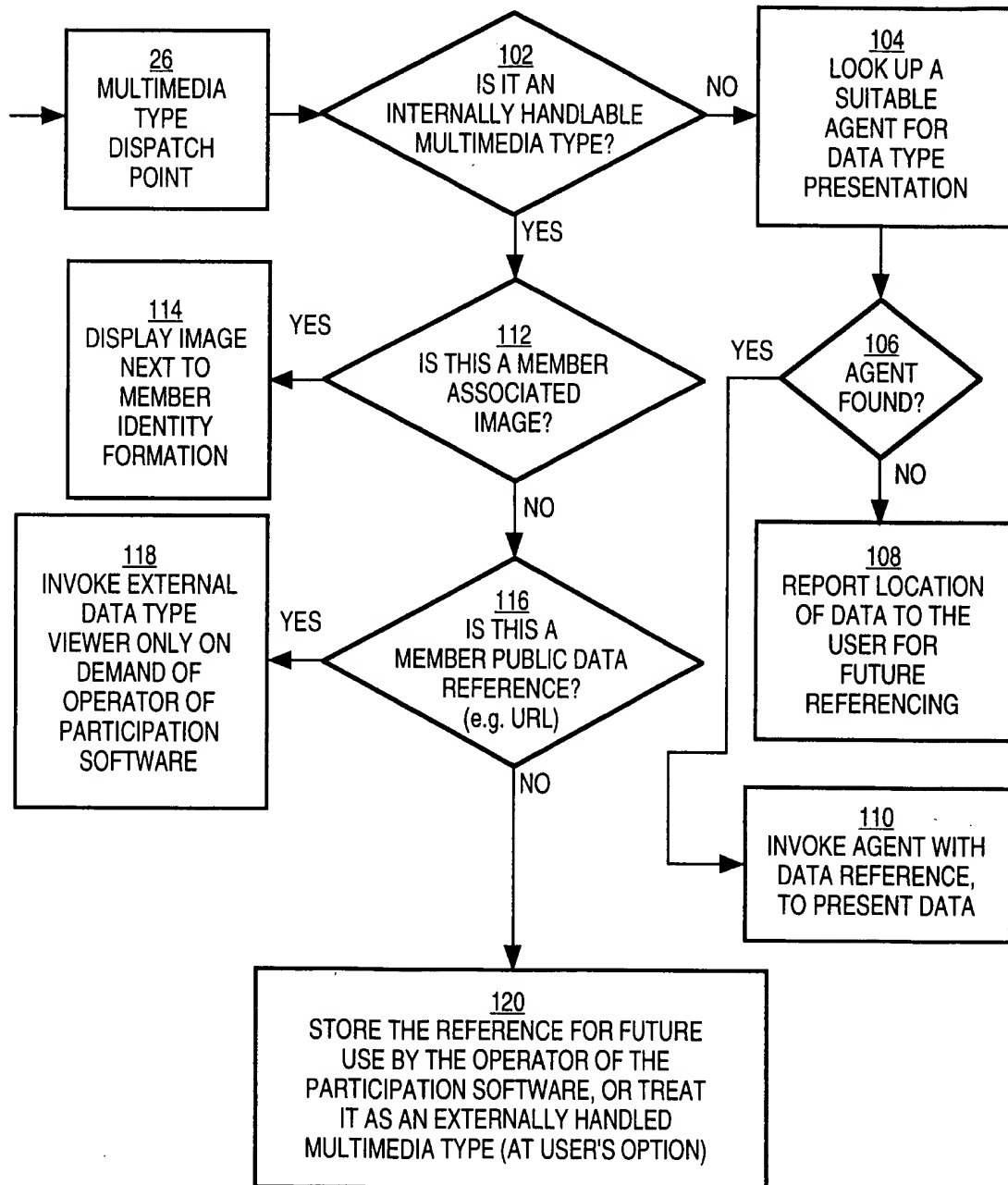
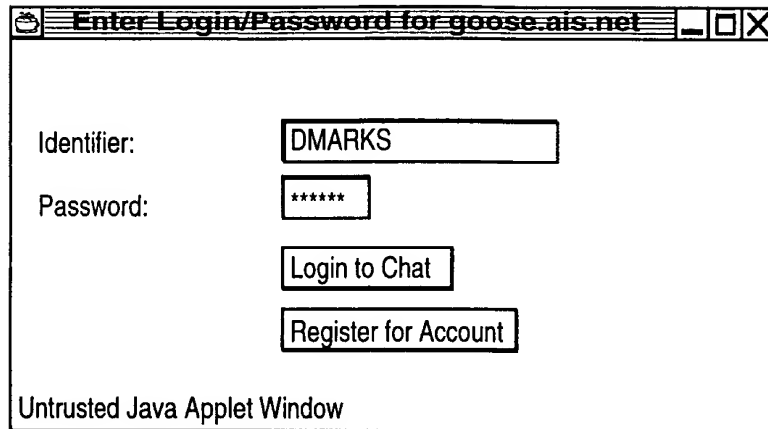


FIG. 7



A screenshot of a Java applet window titled "Enter Login/Password for goose.ais.net". The window contains two input fields: "Identifier:" with the text "DMARKS" and "Password:" with six asterisks. Below the password field are two buttons: "Login to Chat" and "Register for Account". At the bottom of the window, it says "Untrusted Java Applet Window".

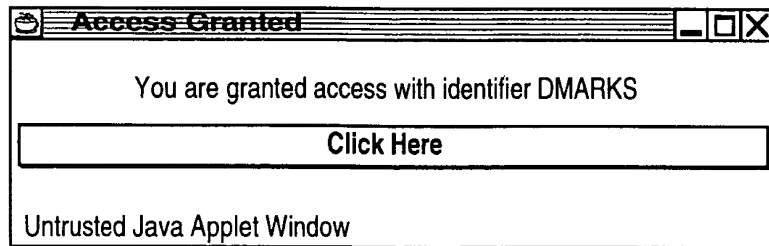
Enter Login/Password for goose.ais.net

Identifier:

Password:

Untrusted Java Applet Window

FIG. 8



A screenshot of a Java applet window titled "Access Granted". The window displays the message "You are granted access with identifier DMARKS" and a button labeled "Click Here". At the bottom of the window, it says "Untrusted Java Applet Window".

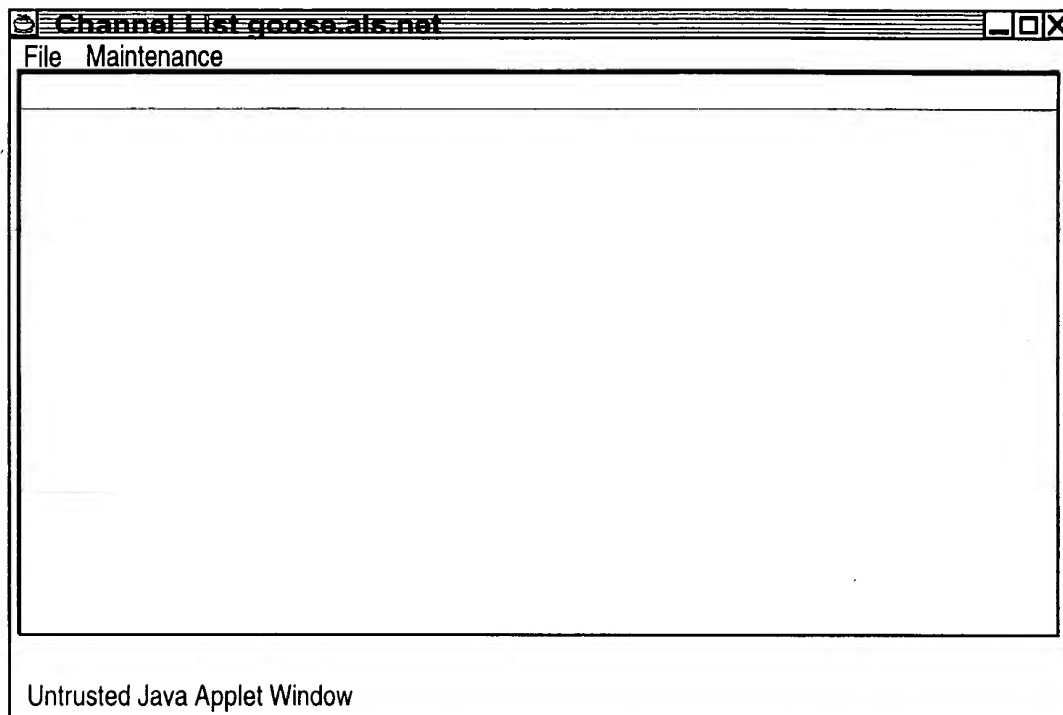
Access Granted

You are granted access with identifier DMARKS

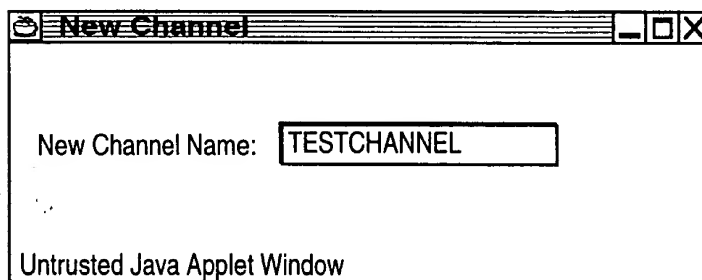
Untrusted Java Applet Window

8/22

**FIG. 9**



**FIG. 10**





9/22

FIG. 11

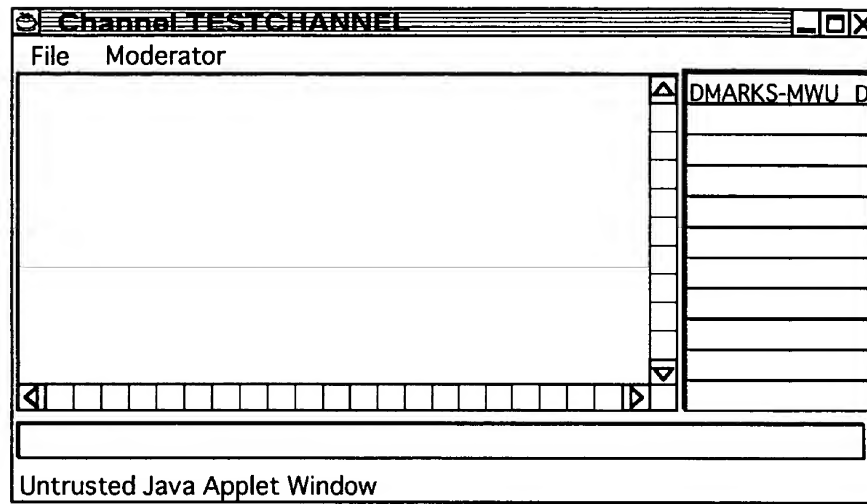
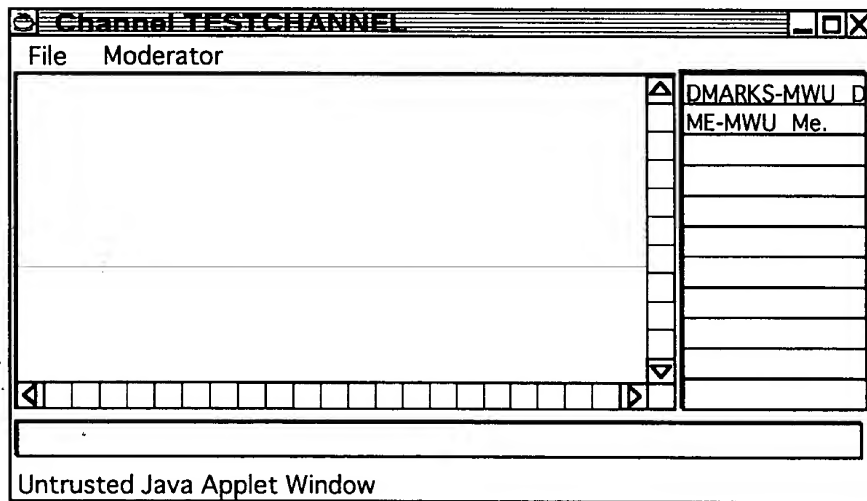


FIG. 12



10/22

FIG. 13

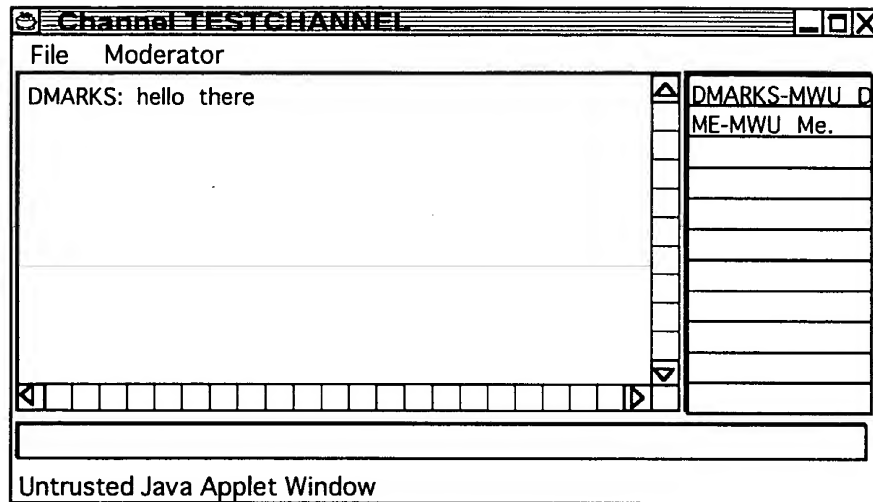


FIG. 14

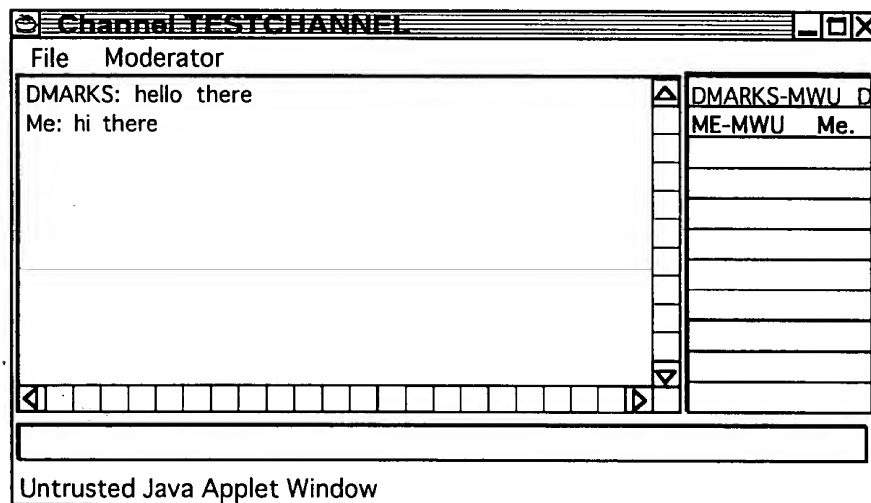


FIG. 15

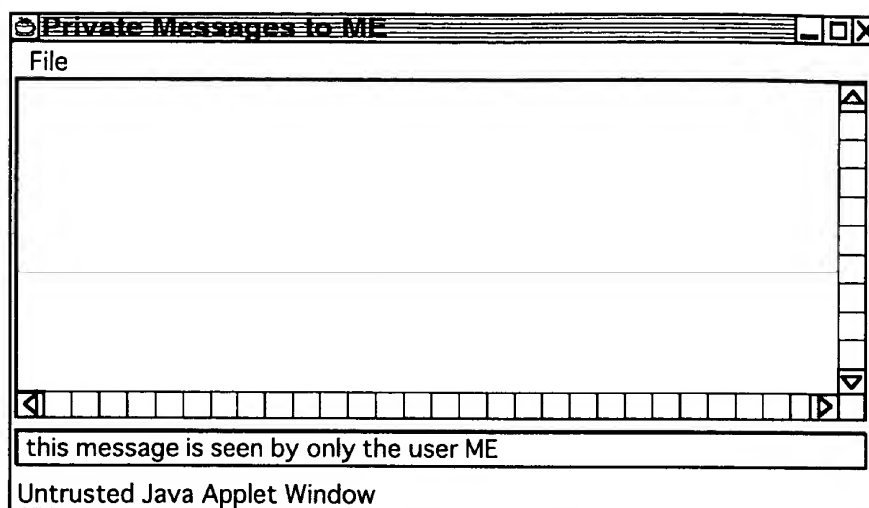
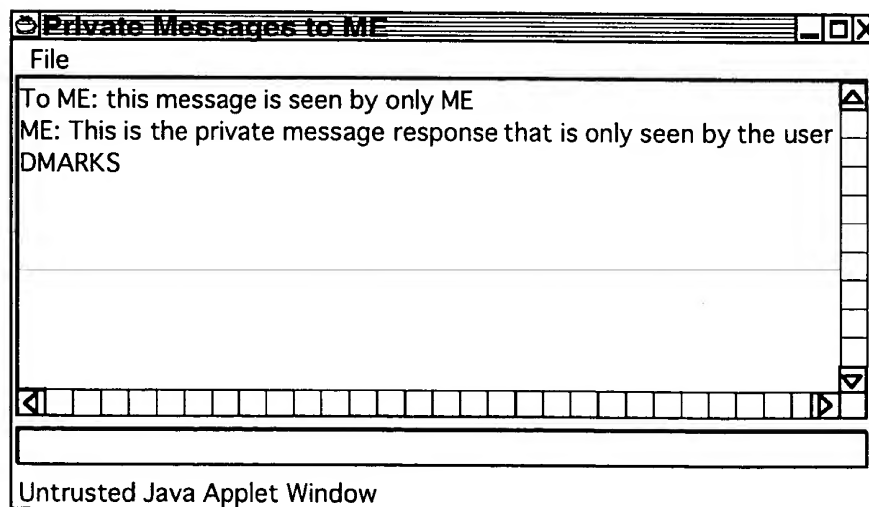


FIG. 16



12/22

FIG. 17

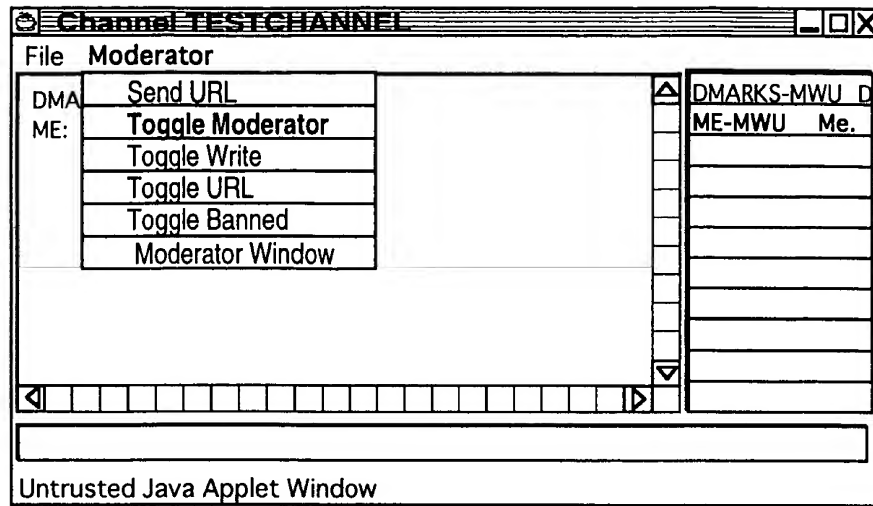


FIG. 18

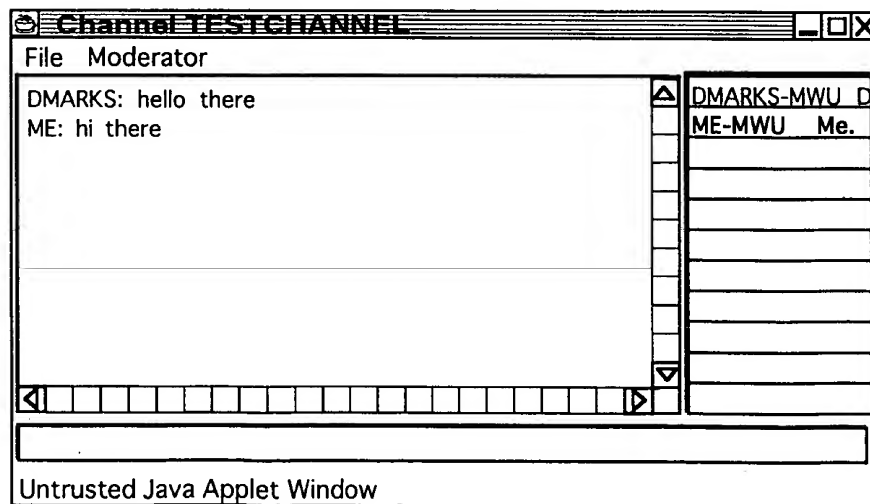


FIG. 19

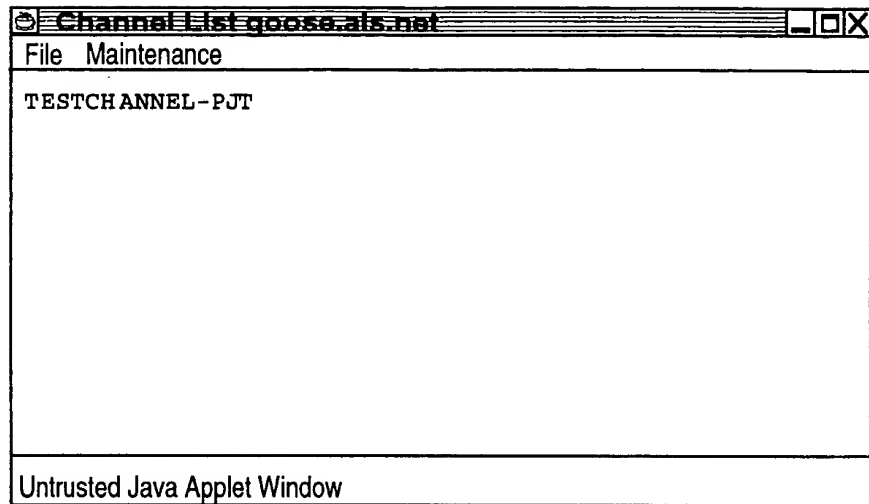


FIG. 20

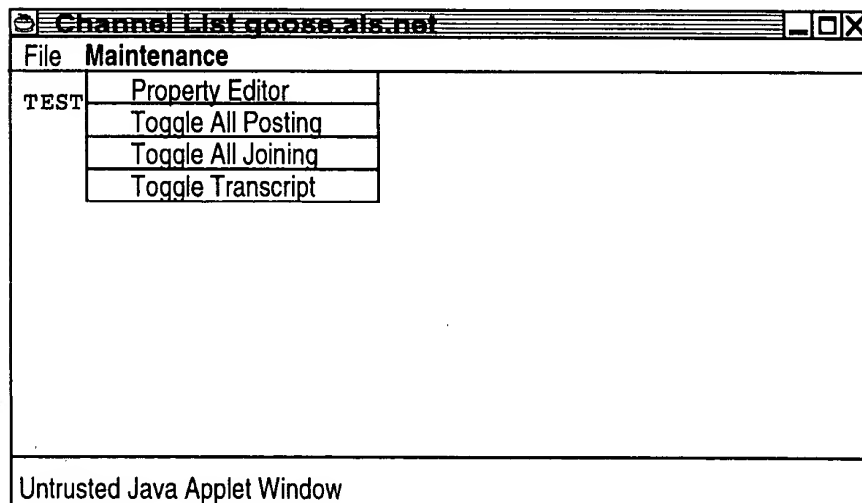


FIG. 21

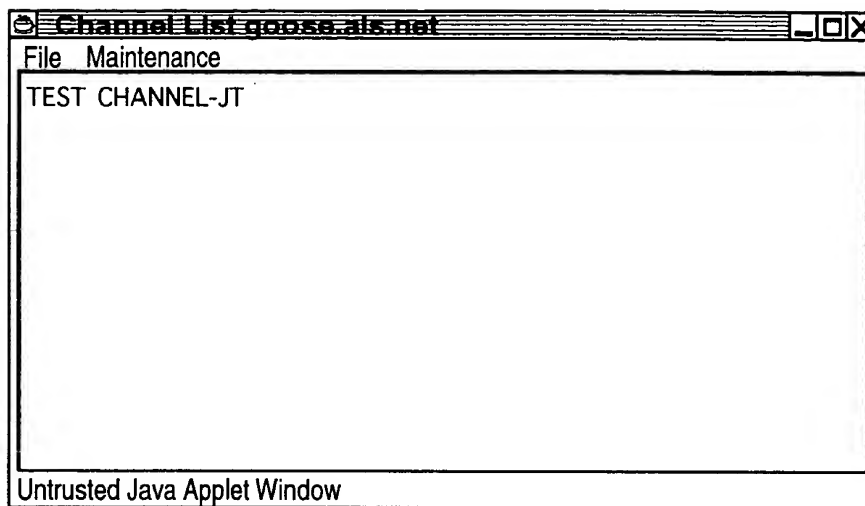


FIG. 22

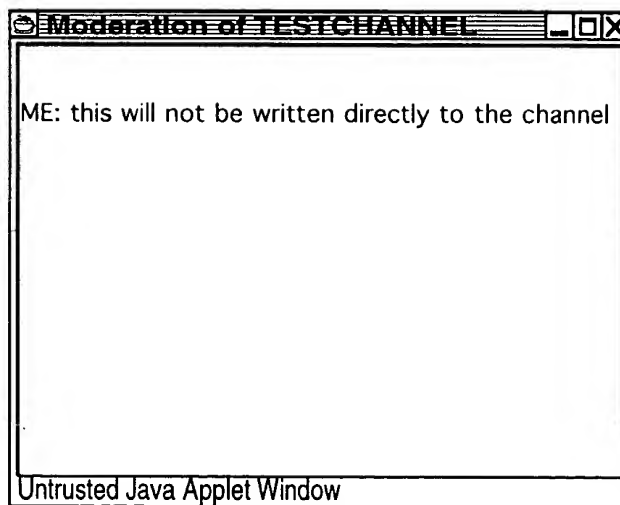


FIG. 23

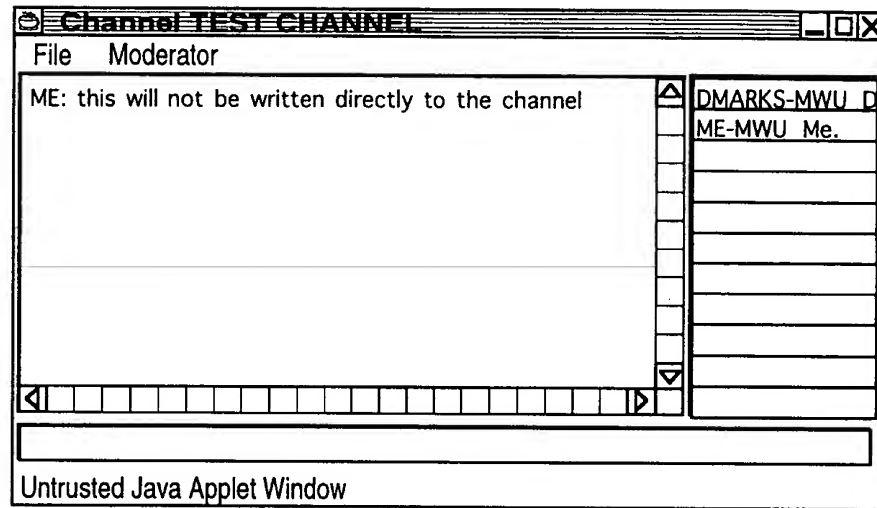


FIG. 24

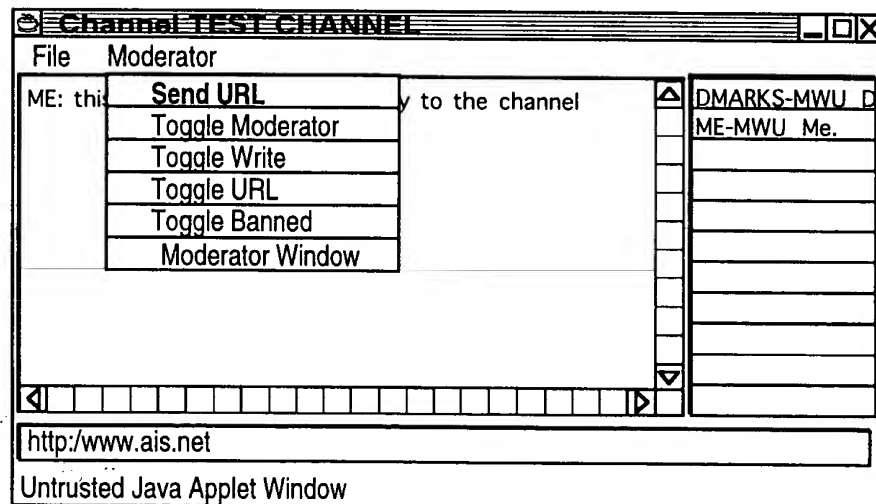


FIG. 25

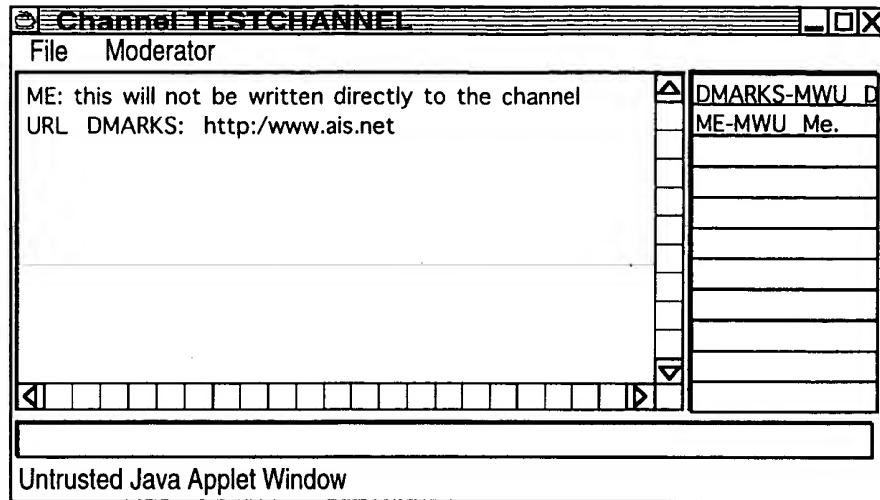


FIG. 26

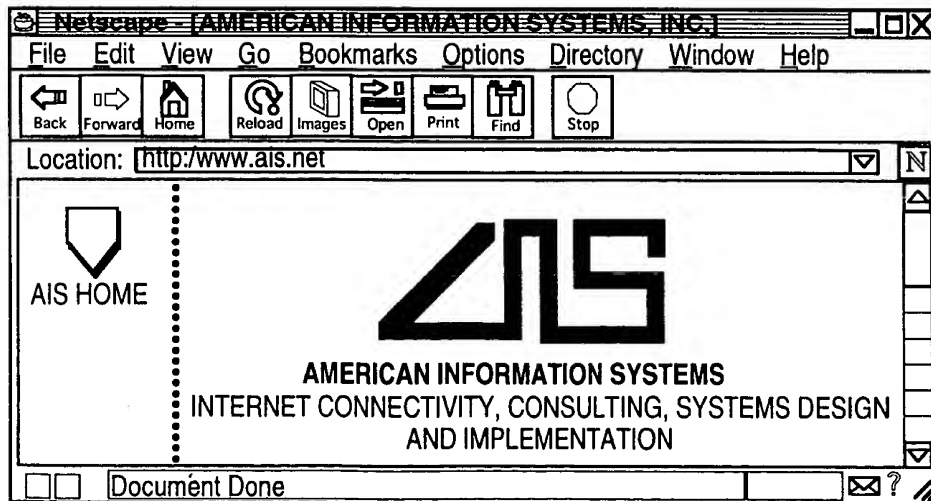
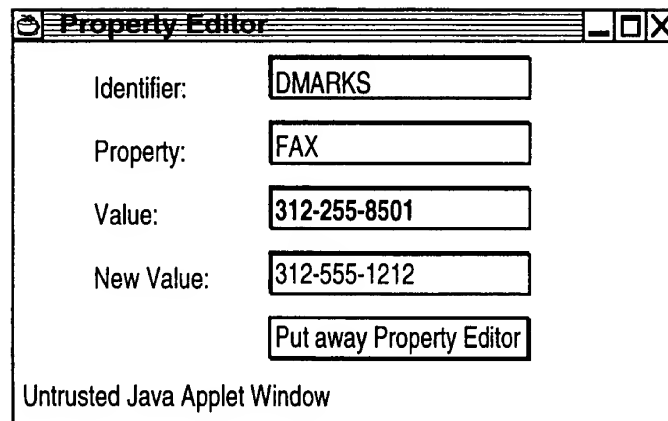




FIG. 27



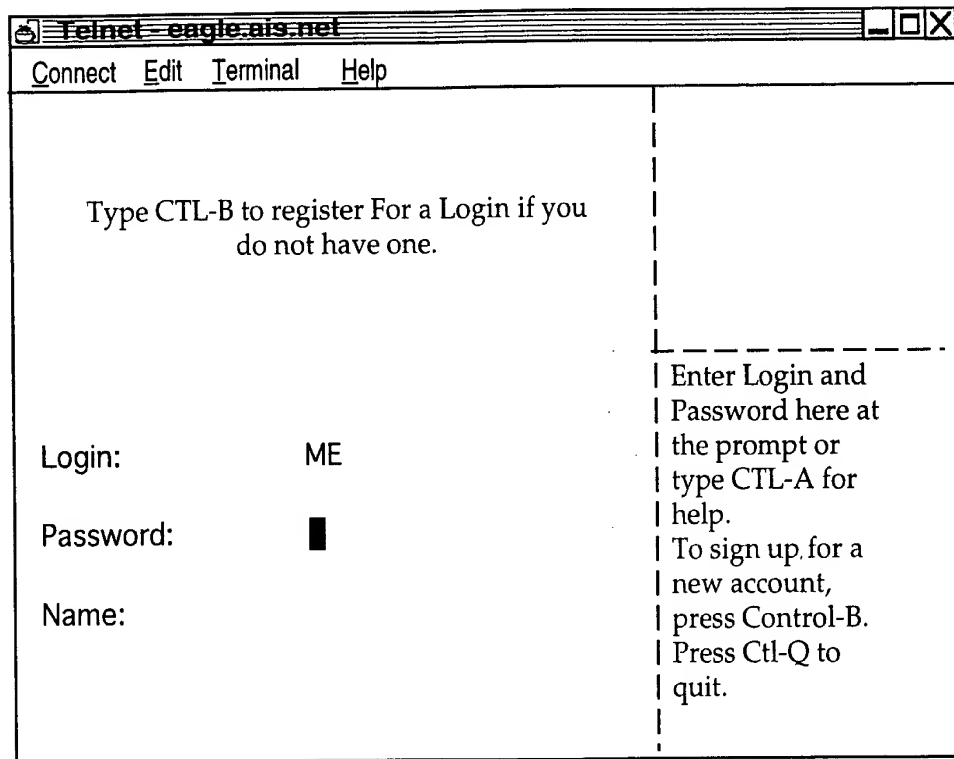
A screenshot of a Java applet window titled "Property Editor". The window contains four text input fields with labels to their left: "Identifier:" with the value "DMARKS", "Property:" with the value "FAX", "Value:" with the value "312-255-8501", and "New Value:" with the value "312-555-1212". Below these fields is a button labeled "Put away Property Editor". At the bottom of the window, the text "Untrusted Java Applet Window" is displayed.

Identifier:	DMARKS
Property:	FAX
Value:	312-255-8501
New Value:	312-555-1212

Put away Property Editor

Untrusted Java Applet Window

FIG. 28



Telnet - eagle.ais.net	
Connect Edit Terminal Help	
Type CTL-B to register For a Login if you do not have one.	
Login: ME	Enter Login and Password here at the prompt or type CTL-A for help. To sign up for a new account, press Control-B. Press Ctl-Q to quit.
Password: ■	
Name:	

19/22

FIG. 29

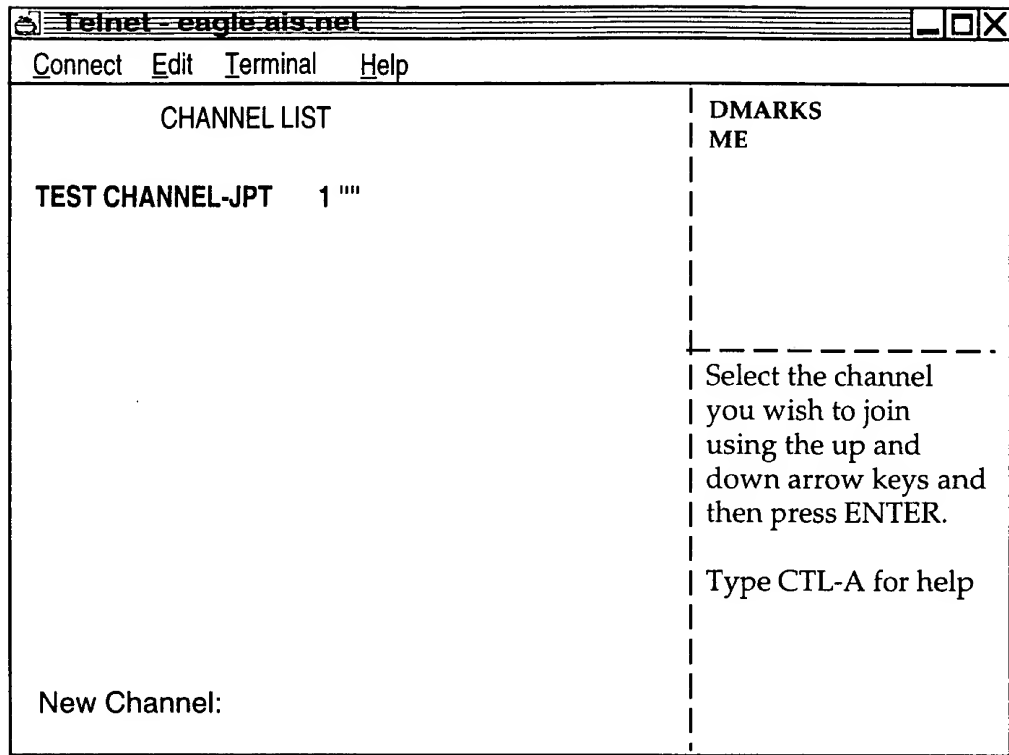


FIG. 30

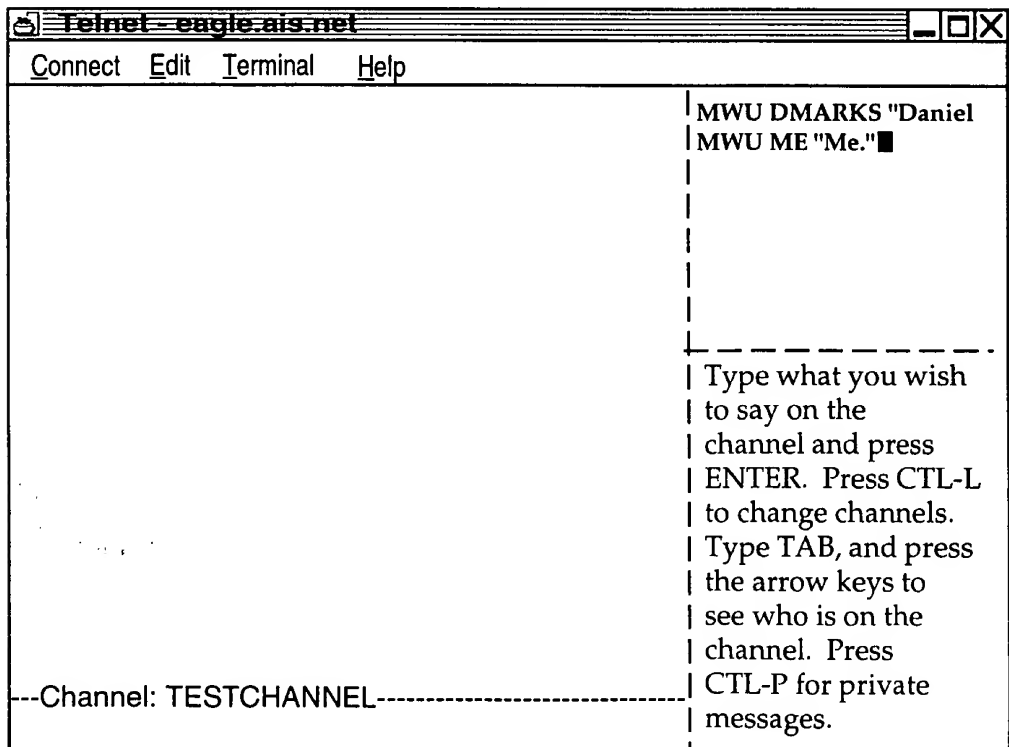


FIG. 31

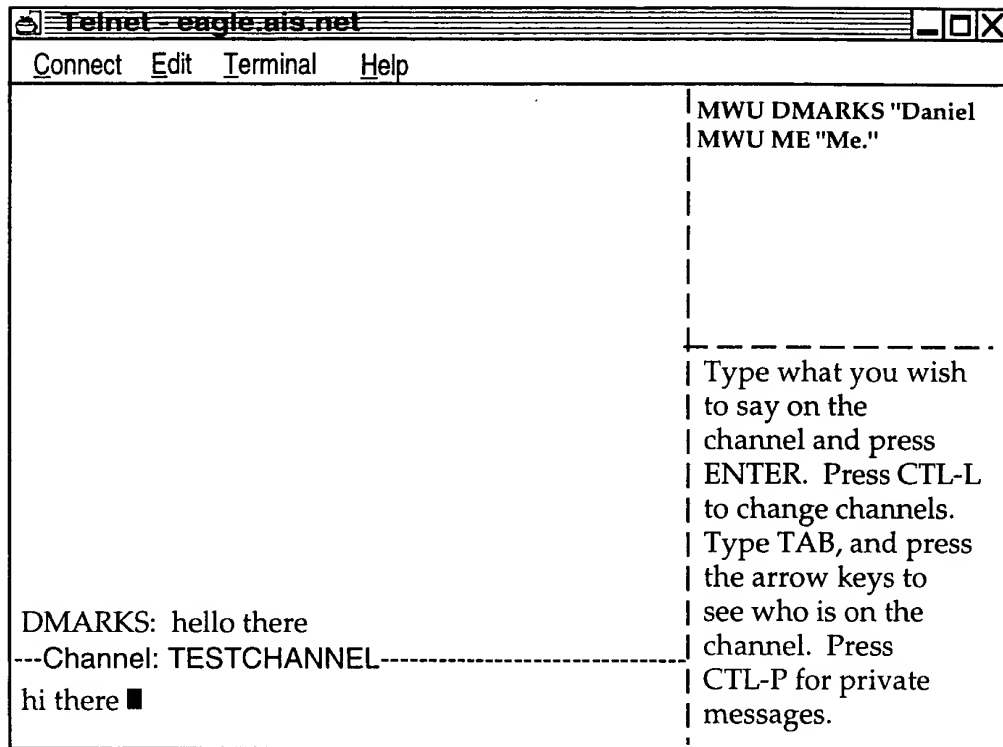


FIG. 32

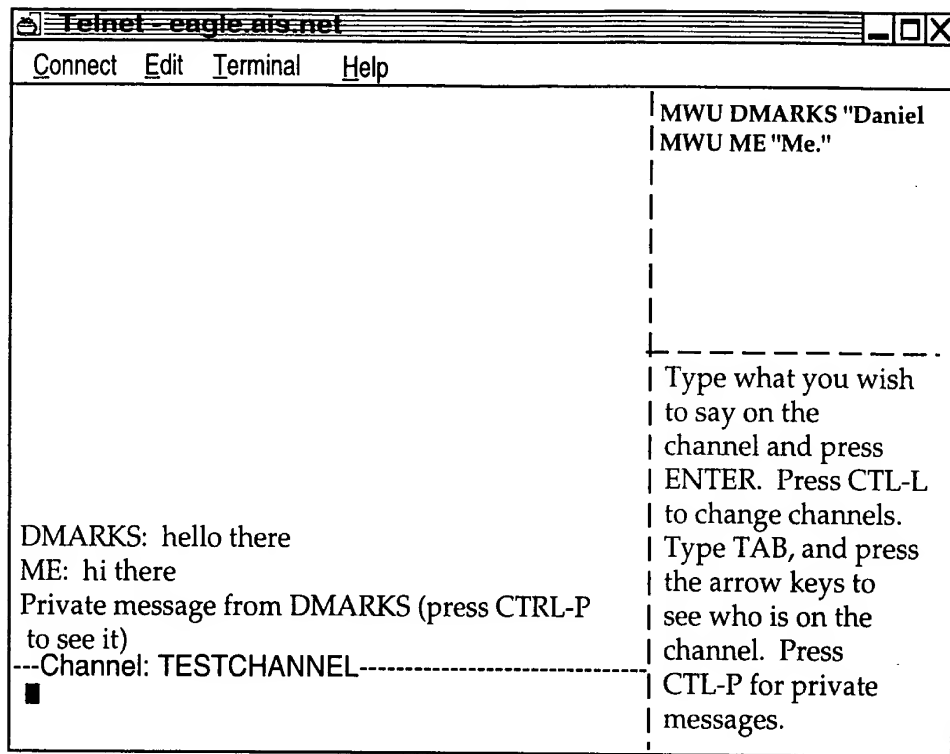


FIG. 33

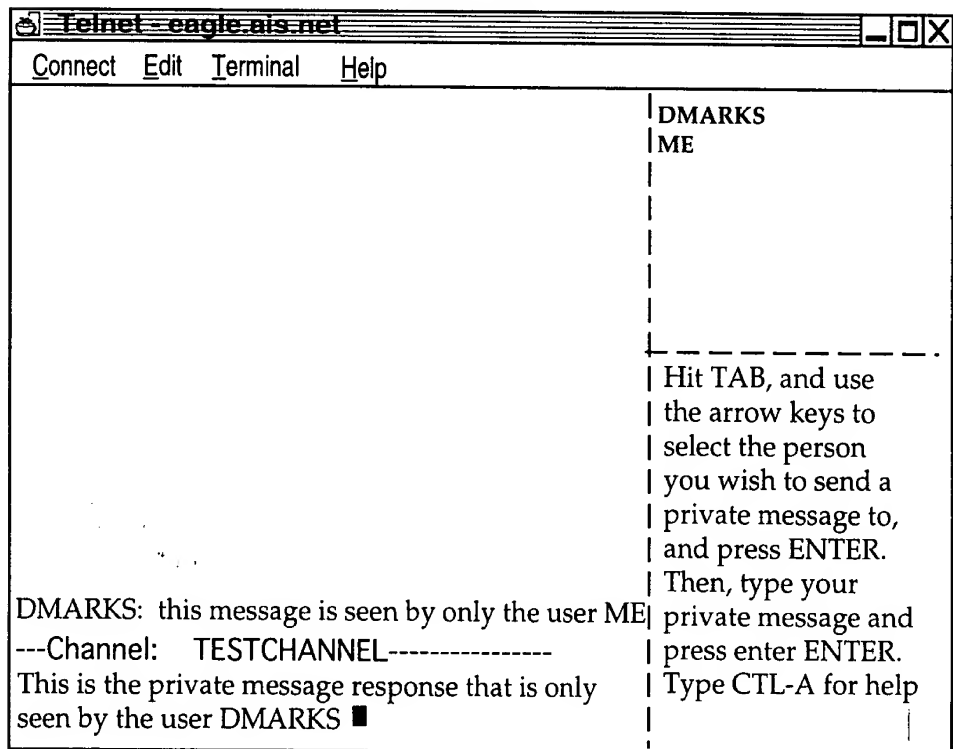


FIG. 34

